

WHAT IS CLAIMED IS:

1. An air pressure-adjusting device, for adjusting an air pressure of a container, the container having an outlet for releasing air, the device comprising:

5 a driving element;

 a shifting element, having a cavity, wherein the shifting element is coupled to the driving element, and is driven by the driving element to make a displacement; and

 a deformation element, disposed at the cavity of the shifting element;

10 wherein the deformation element exerts a force to cover partially or completely the outlet or deform into the cavity according to a degree of the displacement of the shifting element, and the deformation element controls the amount of air released from the container to adjust an air pressure in the container according to the force and the air pressure in the container.

15 2. The air pressure-adjusting device according to claim 1, wherein the container is a bladder in a blood pressure monitor.

3. The air pressure-adjusting device according to claim 1, wherein the driving element is an electromagnetic coil.

4. An air pressure-adjusting device, for adjusting an air pressure in a container, the container having an outlet for releasing air, the device 5 comprising:

a driving element;

a shifting element, coupled to the driving element, wherein the shifting element is driven to make a displacement by the driving element; and

a deformation element, having a chamber, the deformation element 10 disposed in the outlet and coupled to the shifting element, wherein there exists a gap between the deformation element and an inner wall of the outlet, and air in the container is released from the outlet via the gap;

wherein the chamber deforms the deformation element to close partially or completely the gap according to a degree of the displacement of the shifting 15 element, and the deformation element controls the amount of air released out of the gap to adjust an air pressure in the container according to the deformation and the air pressure in the container.

5. The air pressure-adjusting device according to claim 4, wherein the container is a bladder in a blood pressure monitor.

6. The air pressure-adjusting device according to claim 4, wherein the driving element is an electromagnetic coil.

5 7. An air pressure-adjusting device, for adjusting an air pressure of a container, the container having an outlet for releasing air, the device comprising:

a driving element;

10 a shifting element, coupled to the driving element, wherein the shifting element is driven to make a displacement by the driving element; and

a deformation element, disposed in the outlet and coupled to the shifting element, wherein there exists a gap between the deformation element and an inner wall of the outlet, and air in the container is released from the outlet via the gap;

15 wherein the deformation element is deflected to close partially or completely the gap according to a degree of the displacement of the shifting element, and the deformation element controls the amount of air released out

of the gap to adjust an air pressure in the container according to the deformation and the air pressure in the container.

8. The air pressure-adjusting device according to claim 7, wherein the container is a bladder in a blood pressure monitor.

5 9. The air pressure-adjusting device according to claim 7, wherein the driving element is an electromagnetic coil.

10. An air pressure adjusting device, for adjusting an air pressure of a container, the container having an outlet for releasing air, the device comprising:

10 a driving element;

a shifting element, coupled to the driving element, wherein the shifting element is driven to make a displacement by the driving element; and

a deformation cover, having a vent, wherein the deformation cover is disposed on the outlet to cover the outlet, and air in the container is released

15 from the outlet via the gap;

wherein the deformation cover is deflected and exerts a force to cover

partially or completely the outlet according to a degree of the displacement of the shifting element, and the deformation cover controls the amount of air released from the container to adjust an air pressure in the container according to the force and the air pressure in the container.

5 11. The air pressure-adjusting device according to claim 10, wherein the container is a bladder in a blood pressure monitor.

12. The air pressure-adjusting device according to claim 10, wherein the driving element is an electromagnetic coil.

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